

LAMELLAR MELTBLOWING DIE APPARATUS AND METHOD

Abstract of the Disclosure

A lamellar die apparatus for extruding a heated liquid into filaments and directing air at the filaments. The apparatus includes a plurality of plates each having opposite side faces. At least two of the side faces confront each other and have a liquid passage positioned therebetween for transferring the heated liquid. At least two of the side faces confront each other and have an air passage positioned therebetween for transferring the air. At least two of the side faces confront each other and have a heating element passage therebetween. A heating element is positioned within the heating element passage for heating at least two of the plates. An extrusion die is coupled with the plurality of plates and communicates with the liquid passage and the air passage for discharging the heated liquid as multiple filaments and for discharging the air at the filaments.